

Multi Frequency Magnetic Dipole Antenna Structures and Methods of Reusing the Volume of an Antenna

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation-in-part of co-pending application Serial No. 10/253,016 filed September 23, 2002, which is a continuation of application Serial No. 09/892,928 filed June 26, 2001, now U.S. Patent No. 6,456,243, the disclosure of which is incorporated herein by reference.

[0002] This application relates to Patent No. 6,323,810, titled "Multimode Grounded Finger Patch Antenna" by Gregory Poilasne et al., owned by the assignee of this application and incorporated herein by reference.

12/12/05 [0003] This application also relates to co-pending application Serial No. 09/781,779, ^{*is now abandoned*} titled "Spiral Sheet Antenna Structure and Method" by Eli Yablonovitch et al., owned by the assignee of this application and incorporated herein by reference.

12/12/05 [0004] This application also relates to co-pending application Serial No. 10/076,922, ^{*filed February 14, 2002, now US Patent No. 6,906,667*} titled "Multifrequency Magnetic Dipole Antenna Structures for Very Low Profile Antenna Applications" by Gregory Poilasne et al., owned by the assignee of this application and incorporated herein by reference.

FIELD OF THE INVENTION

[0005] The present invention relates generally to the field of wireless communications, and particularly to the design of an antenna.